

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050604

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01R33/385

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, IBM-TDB, WPI Data, COMPENDEX, INSPEC, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/052443 A (KONINKLIJKE PHILIPS ELECTRONICS N.V; HAM, CORNELIS, L., G; OVERWEG, JO) 26 June 2003 (2003-06-26) page 2, line 13 - page 7, line 15 figures 1,3,5	1-4, 8-10, 12-14, 16-18
Y		5-7, 11, 15, 19
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) -& JP 2000 083921 A (HITACHI MEDICAL CORP), 28 March 2000 (2000-03-28) abstract; figure 4 ----- -/-	1-4, 8-10, 13, 14, 16, 18, 20

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 May 2005

Date of mailing of the international search report

01/06/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Streif, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2005/050604

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 465 719 A (ITAGAKI ET AL) 14 November 1995 (1995-11-14) column 7, lines 14-29 figure 8 -----	1-4, 8-10,13, 14,16, 18,20
Y	OVERWEG JA, WEIZENECKER J: "A high-efficiency asymmetric gradient coil" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 744, XP002328460 the whole document -----	5-7
Y	SCHENCK J F ET AL: "Design Criteria for a Folded Gradient Coil" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE. 5TH SCIENTIFIC MEETING AND EXHIBITION. ISMRM '97. VANCOUVER, BC, APRIL 12 - 18, 1997, PROCEEDINGS OF THE INTERNATIONAL SOCIETY OF MAGNETIC RESONANCE IN MEDICINE. SCIENTIFIC, vol. VOL. 3, 1997, page 1468, XP002156598 the whole document -----	7
Y	US 6 462 636 B1 (OVERWEG JOHANNES ADRIANUS ET AL) 8 October 2002 (2002-10-08) column 2, lines 22-30 -----	11,15
Y	LUEDEKE K ET AL: "A novel asymmetric RF body-coil" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 11TH SCIENTIFIC MEETING AND EXHIBITION, TORONTO, ONTARIO, CANADA, 10-16 JULY 2003, 10 July 2003 (2003-07-10), page 2352, XP002328461 the whole document -----	19
A	CROZIER S, DODDRELL DM: "A design methodology for short, whole-body, shielded gradient coils for MRI" MAGNETIC RESONANCE IMAGING, 1995, pages 615-620, XP002328462 the whole document -----	1-20
		-/-

INTERNATIONAL SEARCH REPORTInternational Application No
PCT/IB2005/050604**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WONG EC, HYDE JS: "Short cylindrical transverse gradient coils using remote current return" PROCEEDINGS OF THE SOCIETY OF MAGNETIC RESONANCE IN MEDICINE, 11TH ANNUAL SCIENTIFIC MEETING, BERLIN, GERMANY, 8-14 AUGUST 1992, 8 August 1992 (1992-08-08), page 583, XP002328463 the whole document -----	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IB2005/050604

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 03052443	A	26-06-2003	AU EP WO	2002366419 A1 1456682 A2 03052443 A2		30-06-2003 15-09-2004 26-06-2003
JP 2000083921	A	28-03-2000		NONE		
US 5465719	A	14-11-1995	JP JP	3341306 B2 6054818 A		05-11-2002 01-03-1994
US 6462636	B1	08-10-2002	DE EP JP	19953748 A1 1099954 A2 2001170026 A		10-05-2001 16-05-2001 26-06-2001